

Project Summary Sheet

Project Name: Bedford Wash and Temescal Wash Restoration Project

No: 4016

Location: Temescal Canyon in the Temescal Canyon Redevelopment Area, City of Corona

County of Riverside

Project Sponsor: Riverside-Corona RCD

Point of Contact: Shelli Lamb, District Manager

Co-applicant(s): _____

Assembly District: _____

Senate District: _____

Project Description:

The Bedford Wash and Temescal Wash Flood Protection Corridor Project represents an important restoration effort located within the Temescal Canyon Redevelopment Project Area. Located in the City of Corona, the project area has also been identified in the County of Riverside's Temescal Valley Area, Multiple Species Habitat Conservation Plan (MSHCP). The proposed project, in conjunction with surrounding projects, which includes the Dos Lagos Redevelopment Area, represents a model mixed land use approach designed to reclaim a 600-acre area damaged by more than seventy-years of silica mining extraction and processing, and general manufacturing activity. The restoration of Bedford Wash and Temescal Wash in combination with the balanced and sustainable approach to the redevelopment of the larger and surrounding area, make this a unique and important project.

The remediation, restoration, and preservation of Bedford and Temescal Washes will integrate with surrounding development and ongoing land use planning efforts such as the preservation of 135 acres of open space, linking the 13,000 acre Lake Matthews-Estelle Reserve with restoration activities to Temescal Wash. The two drainages have been relocated from their original location, streambed material composition modified, and vegetation degraded and inundated with invasive undesirable vegetation by long-term mining and farming activities. These conditions have resulted in excessive streambed erosion, siltation, and flooding creating roadway hazards, risk to adjacent property and life, and the loss of wildlife habitat. The original form of the drainages included broad floodplain zones, a well-developed and relatively open riverine system that included a moderate and stabilizing riparian corridor. A broad spreading confluence zone also originally existed where Bedford Wash joins Temescal Wash.

Agricultural Lands Conserved: none

Wildlife Habitat Conserved: See below.

The Washes, when restored as proposed, will provide linkages from the 13,000 acre Lake Matthews-Estelle Reserve, through the 135 acre hillside preserve permanently set aside as a result of the Dos Lagos project. These linkages will help reestablish an east-west wildlife corridor connecting the Cleveland National Forest, the 13,000-acre Lake Matthews-Estelle Reserve, and restore and preserve north-south corridors to Prado Dam, the Santa Ana River, and Lake Elsinore.

Total area conserved:_____ acres.

Flood Benefits:

The project seeks to establish a permanent location for Bedford Wash that currently flows over Temescal Canyon Road from a crude unlined channel at a location 500 feet south of its original location, onto a confluence with Temescal Wash. The project will mitigate the current highly erosive conditions of Bedford Wash exasperated by its manmade location. A basin will be established at its confluence with Temescal Wash providing for deposition of sediment transported from upstream. The manmade banks composition is of rejected material (fine sand, silts, and clay) from the silica mining that has occurred for over 60 years. In their current condition the banks of Temescal Wash are highly erosive and subject to failure as the wash reclaims its natural banks. The project proposes to stabilize this condition through a variety of methods including laying the slopes back and armoring the critical bank locations with a combination of rip rap, geo-grid fabric, geo-netting, and vegetation. The project will restore, to the extent possible, the natural functions and riparian habitat values inherent to coastal dessert floodplains.

Other Benefits:

Total Cost: \$ 6,435,000

FPCP Cost: \$5,000,000

Funding Partners and Share of Cost:

\$601,000 – Local Funds

\$747,000 – In-kind Contributions

\$87,000 – Additional Funding Sources